

Title (en)  
Method for detecting sky in images

Title (de)  
Verfahren zur Himmeldetektion in Bildern

Title (fr)  
Procédé pour la détection du ciel dans des images

Publication  
**EP 1107179 B1 20040225 (EN)**

Application  
**EP 00204040 A 20001117**

Priority  
US 45019099 A 19991129

Abstract (en)  
[origin: EP1107179A2] A method, image recognition system, computer program, etc., for detecting sky regions in an image comprise classifying potential sky pixels in the image by color, extracting connected components of the potential sky pixels, eliminating ones of the connected components that have a texture above a predetermined texture threshold, computing desaturation gradients of the connected components, and comparing the desaturation gradients of the connected components with a predetermined desaturation gradient for sky to identify true sky regions in the image. <IMAGE>

IPC 1-7  
**G06T 5/00**

IPC 8 full level  
**G06T 7/00** (2006.01); **G06K 9/00** (2006.01); **G06T 5/00** (2006.01); **G06T 7/40** (2006.01)

CPC (source: EP US)  
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**G06V 20/10** (2022.01 - EP US)

Cited by  
CN115100439A; EP1507232A3; EP1526481A3; CN110796834A; CN106326901A; FR2827060A1; EP1302896A1; US7869648B2; US6947591B2;  
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DE FR GB

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